

# プレナーメット 300

## 金属試料用面出し装置



エコメット+オートメット300とのサイドバイサイドセッティングで、  
省スペース、作業効率をアップ

- 1ステップで面出しができる専用ストーン
- オートドレッシングシステムで、常にストーン面をリフレッシュ
- 研削量設定ができるZ-axis機能付

カタログNo.	49-10000-xxx(地域により選択)
電源仕様	208~240VAC、50/60Hz 3相 7.6~13.2A、5600W
回転数	研磨盤 1600rpm ヘッド 60~150rpm (10rpm毎に設定可)
荷重	10~100lbs
Z-axis機能	0.1~3mm (0.1mm毎に設定可)

※ 本体のみですのでアクセサリ、消耗品は別途ご購入ください。



**BUEHLER**

Solutions for Materials Preparation, Testing and Analysis

# Technical Specifications

## PlanarMet™ 300

- No compressed air or water hook-up needed
- Includes: Dressing Stick, Bowl Cover, Power Cord and Operating Instructions

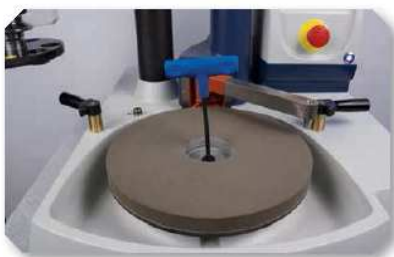
(Does not include Recirculation Tank, Grinding Stone, Specimen Holders or Drive Adapters)

Part Number	Voltage/Frequency/Phase
49-10000-250	208-240VAC, 50Hz, 3-phase
49-10000-260	208-240VAC, 60Hz, 3-phase
49-10000-450	380-480VAC, 50Hz, 3-phase*
49-10000-460	380-480VAC, 60Hz, 3-phase*

\*High voltage must have Neutral connected.



Specifications	PlanarMet™ 300
Grinding Stone Diameter	12in [305mm]
Grinding Stone Attachment	Center bolt - M8 thread, 5mm allen key
Maximum Specimen Holder Diameter	7.25in [184mm]
Control Interface	Membrane control
Dressing Stick	Metal matrix diamond
Amperage	7.6-13.2 amps
Wattage	5600W [5.6kW]
Motor Power for stone	Stone: 5.7Hp; Power Head: 0.75Hp
Sound rating	71dB
Operational Modes	Timed cycle or material depth (Z-axis) removal
Specimen Force Range	10-100 lbs [40-445N] in 5 lbs [20N] increments
Grinding Stone Rotation	Counter Clockwise (CCW)
Grinding Stone Rotation Speed	1600rpm
Power Head Rotation	Counter Clockwise (CCW) or Clockwise (CW)
Power Head Rotation Speed	60-150rpm in 10rpm increments
Material Removal Gauge (Z-axis)	0.1-3mm in 0.1mm increments
Dressing System	Automatic dressing
Dressing Frequency Range	10 seconds to 10 minute increments
Dressing Depth Range	10 - 50µm, 5 minute increments
Recirculation System	Recirculation pump - 12 or 22gal [45 or 83ℓ] tank options
Electrical Connection	Integrated 10 pin
Storage	Temperature ranges 41-104°F [5-40°C] and non-condensing humidity ranges (30-90%)



- ◆ 耐水研磨紙 1000枚分研磨可能
- ◆ 12インチ WA・GC
- ◆ ストーン交換が簡単